

*For Immediate Release***News for the Coal Processing  
and Minerals Processing Industries**

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**Eriez® Flotation Division (EFD) Announces Commissioning of Fully Automated Four-Stage Laboratory Column Flotation Circuit**

Erie, PA— [Eriez® Flotation Division \(EFD\)](#) announces the commissioning of a fully automated, four-stage lab-scale column circuit for flotation testing on sulfide and industrial minerals. Operating parameters such as air flow rate, wash water flow rate, reagent addition rates and pH level are regulated using a programmable logic controller (PLC). The flotation circuit can be altered to accommodate multiple circuit configurations ranging from one (i.e. rougher) to four (i.e. rougher-scavenger-cleaner-cleaner) unit operations, dependent upon the characteristics of the feed ore. The circuit is also capable of incorporating re-circulating loads. The automated circuit can be utilized to conduct steady-state column flotation tests at feed rates of up to 15 kg per hour.

EFD can provide detailed analysis of most flotation circuit configurations using [laboratory equipment](#) ranging from grinding mills to bench-top and continuous conventional and column flotation cells. Typical tests range from exploratory batch testing to the evaluation of multi-stage flotation circuits. EFD's analytical lab—including an XRF (X-Ray Fluorescence), ICP-OES (Inductively Coupled Plasma Optical Emission Spectrometry), sulfur analyzer and laser particle size analyzer—can quickly conduct in-house assays and improve turn-around time on testing. For more information about EFD's in-house lab services, visit <http://erieznews.com/nr403>.

Eriez Flotation Division (EFD) is a world leader in advanced flotation technology. Formerly known as Canadian Process Technologies, Inc., EFD is a wholly owned subsidiary of Eriez Manufacturing Co. EFD provides advanced testing and engineering services, in addition to sparging and column flotation equipment for the mining and mineral processing industries. For more information, visit [www.eriezflotation.com](http://www.eriezflotation.com) or call toll-free at 888-300-3743 within the U.S. and Canada. We can also be contacted at [efdusa@eriez.com](mailto:efdusa@eriez.com).

Eriez is recognized as world authority in separation technologies. The company's magnetic lift and separation, metal detection, fluid filtration, mineral processing, materials feeding, screening, conveying and controlling equipment have application in the metalworking, packaging, plastics, rubber, recycling, food, mining, aggregate and textile industries. Eriez manufactures and markets these products through 12 international facilities located on six continents. For more information, call toll-free (888) 300-ERIEZ (3743) within the U.S. and Canada. For online users, visit [www.eriez.com](http://www.eriez.com) or send email to [eriez@eriez.com](mailto:eriez@eriez.com). Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506.

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